

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

sample.

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

10/29//2011

Richard Linehan Assistant District Attorney, Plymouth County

Dear ADA Linehan,

Enclosed is the information you requested in regards to Commonwealth vs. are copies of the following:

Included

- 1. Curriculum Vitae for Annie Dookhan and Della Saunders.
- 2. Drug Analysis Laboratory Receipt.
- 3. Control Cards with analytical results for samples #

- 4. Analysis sheets with custodial chemist's hand notations and test results.
- 5. GC/Mass Spectral analytical data for samples #

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Della Saunders was the confirmatory chemist and analyzed the GC/MS data for this

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan

Chemist

Drug Analysis Lab

Jamaica Plain, MA, 02130

(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry. University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 - present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 - 2003

OC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts Executive Office of Health and Human Services

Department of Public Health

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

State Laboratory Institute

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

Amherst Hours

8:00 - 11:00 2:00 - 4:00

DRUG RECEIPT

9:00 - 12:00 1:00 - 3:00

Vame	and Rank of Submitting Officer: DONOHUE, PATRICK S	380	DOC # R013424	
			P-1111	
)efen	dant(s) Name (last, first, initial):			
To be	completed by Submitter		To be comp	leted by Lab Personnel
	ption of Items Submitted		Gross Weig	
1)	PLASTIC BAGS UNK WHITE POWDER (QTY: 19)		15/20 8m	
	UNK WHITE POWDER (S18036)		34.9 m	
2)	PLASTIC BAG UNK BROWN POWDER (QTY: 1)	WY 10 11 1 10 11 11 11 11 11 11 11 11 11 1		
	UNK BROWN POWDER (S18037)		235	
3)	PLASTIC BAGS UNK WHITE ROCK (QTY: 7)		700 800	
	PLASTIC BAG UNK WHITE ROCK (S18038)		2.125	
4)	UNK WHITE ROCK (LOOSE SUBST) (QTY: 1)		ovi Øi	
	PLASTIC BAG UNK WHITE ROCK (\$18039)		0.39 m	
MAA-Billi	· · · · · · · · · · · · · · · · · · ·			
				· ·

			A CONTRACTOR OF THE CONTRACTOR	
	XU			11.23.10
<i>leceive</i>	ed By: / V.		Date: _	11.00,0

Date Analyzed: DEC 0 8 2010

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount:

Subst; SUB

No. Cont:

Cont: pb

Date Rec'd: 11/24/2010

No. Analyzed: 12

Gross Wt.:

15.70

Net Weight: 9.47

Tests: 92 85

Prelim: Coccure

4

No. Date Analyzed: DEC 0 8 2010

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount: Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 11/24/2010 No. Analyzed:

Gross Wt.: 7.35 Net Weight: 4-92

Tests: 4-98

Prelim: Heron

Findings: herold

No. Date Analyzed: DEC 0 8 2010 City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount: Subst: SUB

No. Cont: 7 Cont: pb

Date Rec'd: 11/24/2010

Gross Wt.:

2.69

No. Analyzed:

Net Weight: 1.05

#Tests: 1295

Prelim: (Occupatio) Findings: COCOTAR

No. Date Analyzed: DEC 0 8 2010

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 11/24/2010

No. Analyzed:

- 144 - ---

Net Weight: O-O

Gross Wt.:

0.39

Tests:

ists: 6 PM

Prelim: Cocause (16)

Findings: COCCIME

DRUG POWDER ANALYSIS FORM

No. of samples tested: 12	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt (19): 11.つつ58
White lope white churly	SUDSTACGross Wt ():
10 MB2	Pkg. Wt:
	Net Wt:
106 large	lunce = 9055 w+ 186 = 3.7196
18 bpz swell	netut = 3.4626
Mettler ABIOY 1117132502 Ohaus MIDIIO 1125493269	CHOIL = QUESTA DE 18 PPS = 8
PRELIMINARY TESTS	
Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate (+) +	Gold 12 Chloride ->
2 Marquis	12 TLTA (+) +
Froehde's	OTHER TESTS
Mecke's	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
• ***	
RESULTS cocure	RESULTS Cocare
DATE 12-3-10	MS OPERATOR OCS
	DATE 12-8-10

samples tested: \2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Welght
1	0.4012	0.1227	D.2785	26	***************************************		
2	0.4855	0.1296	0.3559	27			
3	0,4305	0.0799	0.3206	28			
4	0.3774	0.1012	0.2762	29	***************************************		
5	0.4863	0.0942	0.8521	30	***************************************		
6	0.4082	0.0812	0.3270	31	Miller de comme de la colonia de Miller de Miller de la colonia de la Miller de La		
7	0.4322	0.0796	0.3526	32			**************************************
8	0.4412	0.1018	० ३३५५	33			
9	0.4034	סטרט ט	0.3334	34			
10	0.4078	0.0752	0.3326	35			
11	0.4185	0.0816	0-3369	36	• connections conn	000000000°*00°*100°*100°*00000000°*0°**	
12				37			
13		-		38			
14		ΧΞ.	3.6752	39			
15	44************************************	<u> </u>	6-3341	40		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
16		(X) 18=	6.0138	41			
17		-		42			
18			·	43			·
19				44	000 SAPPENDARION OF SAME AND AND STORY OF SAME AND SAME A	- Manadalan and Anna - 1874 Maria	
20				45			
21				46			
22				47		,	
23			į	48			
24				49			
25				50			
レ	lations;		2 4.4	, ,			
& .	Estret = 6.0138+ 3.4626= =9-4764						

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY No. of samples tested:	Brockton ANALYST AND Evidence Wt.
PHYSICAL DESCRIPTION: Beiage powdred son 1900 1900 Mettler ABION 111713250 Ohaus Mollo 1125493	Pkg. Wt:
PRELIMINARY TESTS Spot Tests Cobalt Thiocyanate (+) Marquis Froehde's Mecke's	Microcrystalline Tests Gold Chloride TLTA () OTHER TESTS
PRELIMINARY TEST RESULTS RESULTS 12-3-10 Volume 12-3-10	GC/MS CONFIRMATORY TEST RESULTS 12005 MS OPERATOR 0CS DATE 12-8-10

DRUG POWDER ANALYSIS FORM

No. of samples tested:	SENCY BOCICION ANALYST \$3.2
PHYSICAL DESCRIPTION:	Gross Wt (7): 1.3282 W SUSSTAR Gross Wt (2): 0.3543 Pkg. Wt: Net Wt:
Wether ABION 1	
PRELIMINARY TESTS Spot Tests Cobalt Thiocyanate (-) +- Marquis Froehde's Mecke's	Microcrystalline Tests Gold Chloride + L TLTA (-) - OTHER TESTS
PRELIMINARY TEST RESULTS RESULTS Cocure DATE 11-3-10	GCIMS CONFIRMATORY TEST RESULTS COCOLID MS OPERATOR DCS DATE 12-8-10

samples tested:

2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.1715	0.0219 0.0219 ASS	0.1496	26			
2	0.1825	0.0297	0.1528	27	ADD NOON-WANTED DO SHITTING WOOD ON THE SHARE OF THE SHAR		
3				28			
4				29			
5				30			······································
6	- Mariana - Mari		五瓣	31	r		Married Washington, Married Street
7				32			· · · · · · · · · · · · · · · · · · ·
8			-	33			
9				34	-physical Marie (physical Physical Phys		
10				35			
11				36			·
12				37			
13				38	in the state of th		
14	·		and any contracting the contra	39			
15		The State of the S		40			· · · · · · · · · · · · · · · · · · ·
16				41	ng alika diyay dekin diga saketa dibadiya saketa di		
17				42			
18				43			
19				44			
20				45	·		
21				46			
22				47	·		
23				48			gg==.DDnonkg==.DDnonbgg=-UDDhookgg=.DDipok
24	u-lood			49	, 		- 2000-12 1000MG / 100 1000M
25	ations:			50			

Calculations:

EB+ De+ w = 0,3024/2 = 0.1512 (7)

= 1.0584

DRUG POWDER ANALYSIS FORM

SAMPLE#	AGENCY	BOUCICION ANALYST AND	
No. of samples tested:		Evidence Wt.	
PHYSICAL DESCRIPTION:		Gross Wt():	Married Street Control of Stre
Off white	warung sur	= 5+07ce Gross Wt ():	
`	7166	Pkg. Wt:	
le	sec	Net Wt: 0.64	34
	·	netut=0.0	1357
Metter ABIOM	111713250	· 2	
Ohucis 1010110	1125493	269	
PRELIMINARY TESTS Spot Tests		Microcrystalline Tests	
Cobalt Thiocyanate (-) +		Gold Chloride —	
Marquis		TLTA (-) +	
Froehde's		OTHER TESTS	
Mecke's	·		w
PRELIMINARY TEST RESULTS		GC/MS CONFIRMATORY TEST	Annual Anggarana (All Annual Anggarana)
RESULTS Co cure	andien	RESULTS COCCUMO	
DATE 12-3-10		MS OPERATOR DCS	
VOIC		DATE 12-8-10	
\mathcal{O}_{X_L}			

Area Percent / Library Search Report

Information from Data File:

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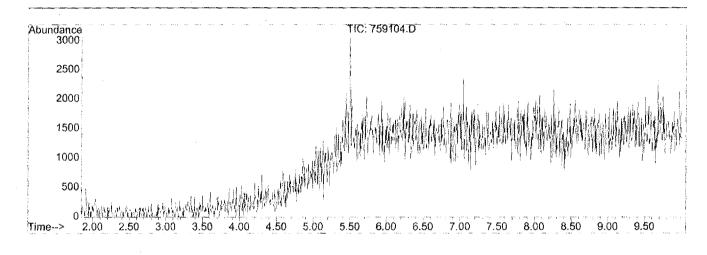
Operator : DCS

Date Acquired : 7 Dec 2010 10:16

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

10/27/11 Pl8
Page 1

Thu Oct 27 09:56:53 2011

759104.D

Area Percent / Library Search Report

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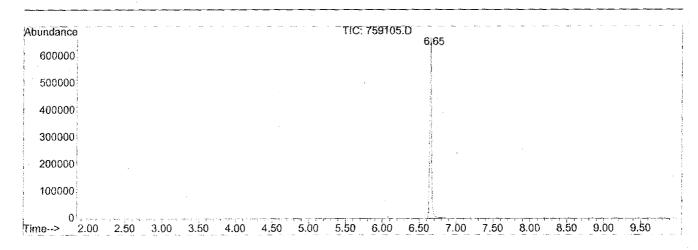
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Operator : DCS

Date Acquired : 7 Dec 2010 10:30 Sample Name : HEROIN STANDARD

Submitted by

Vial Number : 5 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.651	1104019	100.00	100.00

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759105.D

Operator DCS

Date Acquired 7 Dec 2010 10:30 HEROIN STANDARD Sample Name

Submitted by

Vial Number 5 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

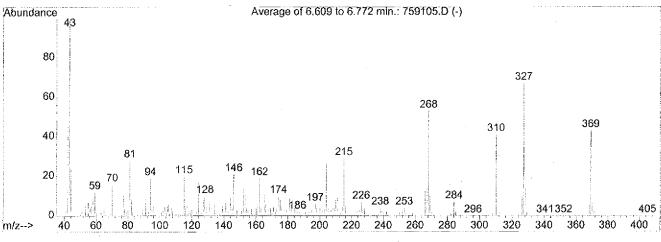
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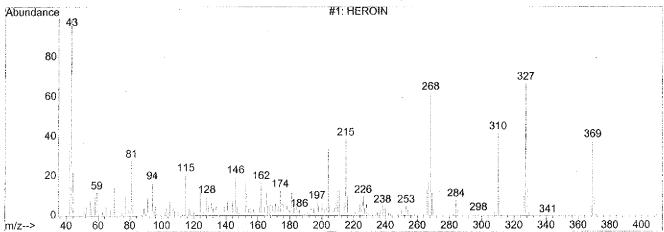
Library/ID CAS# PK# RTQual

C:\DATABASE\SLI.L 1 6.65 HEROIN

000561-27-3

99





759105.D

Thu Oct 27 09:57:00 2011

Area Percent / Library Search Report

Information from Data File:

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Operator

: DCS

Date Acquired : 7 Dec 2010 10:43

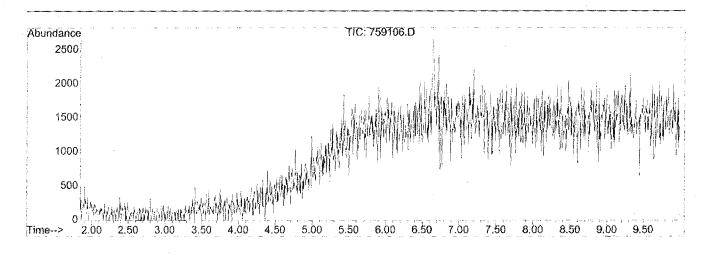
Sample Name : BLANK

Submitted by Vial Number AcquisitionMeth: DRUGS

: ASD

Integrator

: RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

759106.D

Thu Oct 27 09:57:04 2011

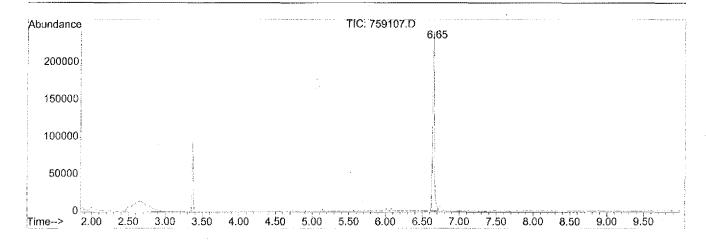
File Name : F:\Q4-2010\SYSTEM4\12_07_10\759107.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 10:57

Sample Name :

Submitted by : ASD
Vial Number : 7
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.647	391019	100.00	100.00

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759107.D

Operator DCS

7 Dec 2010 Date Acquired 10:57

Sample Name

Submitted by Vial Number AcquisitionMeth: DRUGS : RTE Integrator

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

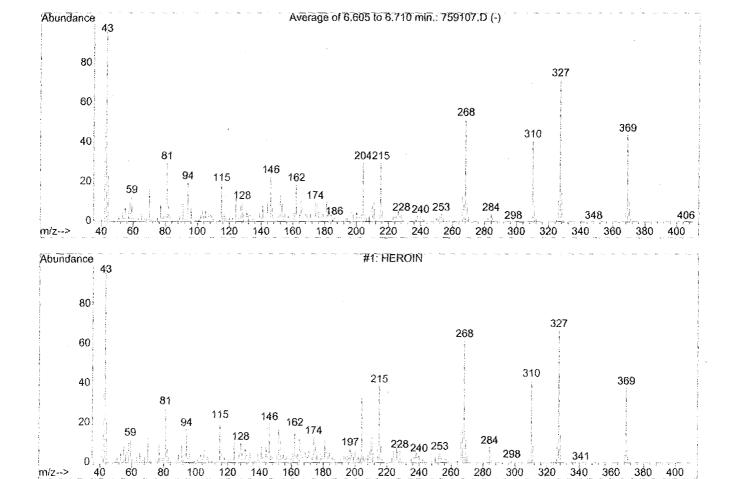
C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK# RTLibrary/ID CAS# Qual

C:\DATABASE\SLI.L 1 6.65

HEROIN 000561-27-3



759107.D

Thu Oct 27 09:57:09 2011

180

120

140

160

2 Page

320

280

99

Area Percent / Library Search Report

Information from Data File:

File Name : $F:\Q4-2010\SYSTEM4\12_07_10\759108.D$

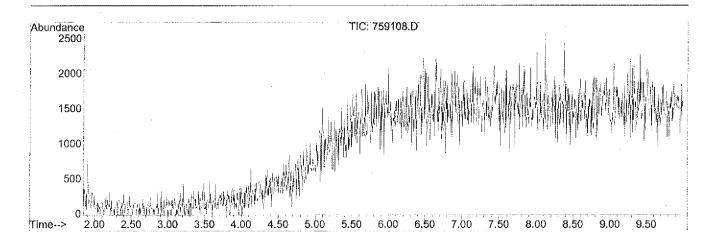
Operator : DCS

Date Acquired : 7 Dec 2010 11:10

Sample Name : BLANK

Submitted by :

Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759109.D

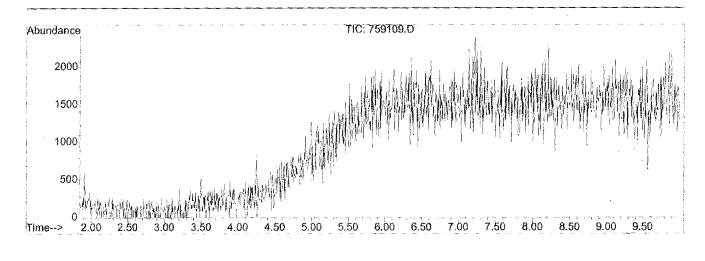
Operator : DCS

Date Acquired : 7 Dec 2010 11:24

Sample Name : BLANK

Submitted by :

Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

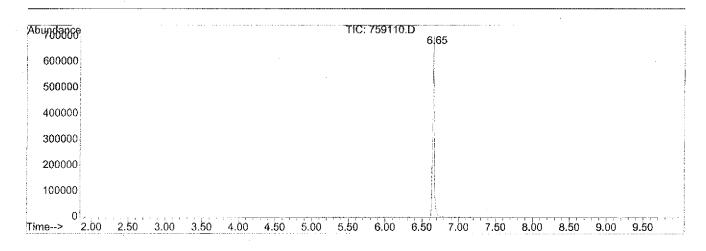
File Name : $F:\Q4-2010\SYSTEM4\12_07_10\759110.D$

Operator : DCS

Date Acquired : 7 Dec 2010 11:38 Sample Name : HEROIN STANDARD

Submitted by

Vial Number : 10 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
6.652	1113356	100.00	100.00	

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759110.D

Operator : DCS

Date Acquired : 7 Dec 2010 11:38 Sample Name : HEROIN STANDARD

Submitted by :

Vial Number : 10 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

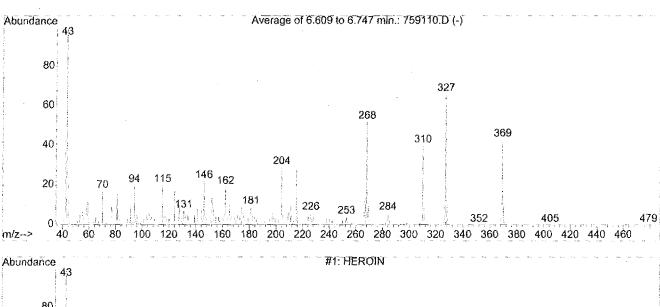
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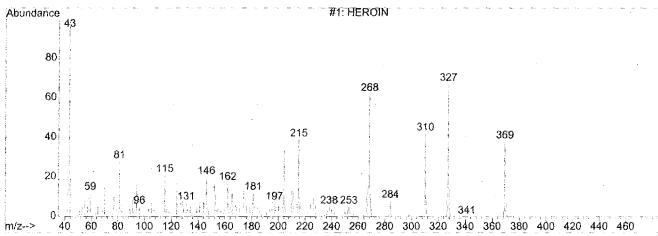
PK# RT Library/ID CAS# Qual

1 6.65 C:\DATABASE\SLI.L HEROIN

000561-27-3

99





759110.D

Thu Oct 27 09:57:20 2011

Area Percent / Library Search Report

Information from Data File:

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759111.D$

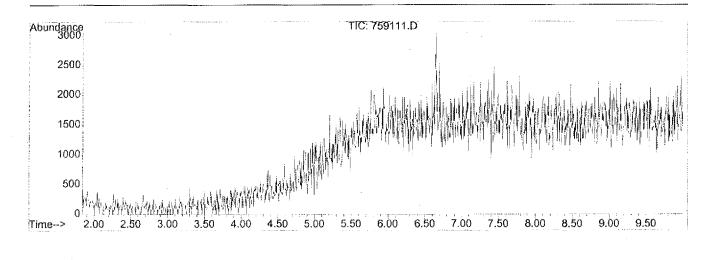
Operator : DCS

Date Acquired : 7 Dec 2010 11:52

Sample Name : BLANK

Submitted by :

Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area '

Ratio %

NO INTEGRATED PEAKS

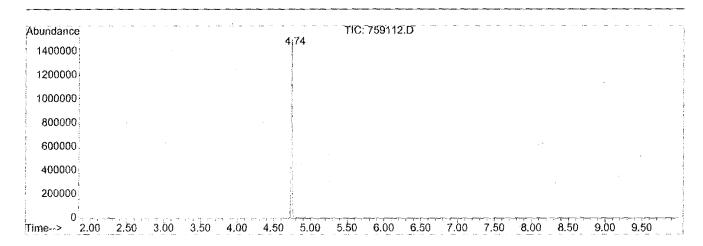
File Name : F:\Q4-2010\SYSTEM4\12_07_10\759112.D

Operator : DCS

Date Acquired : 7 Dec 2010 12:06 Sample Name : COCAINE STANDARD

Submitted by

Vial Number 12 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.742	1503605	100.00	100.00

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759112.D$

Operator : DCS

Date Acquired : 7 Dec 2010 12:06 Sample Name : COCAINE STANDARD

Submitted by

Vial Number : 12 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

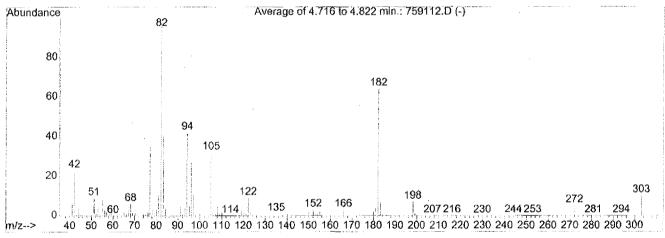
C:\DATABASE\NIST98.L

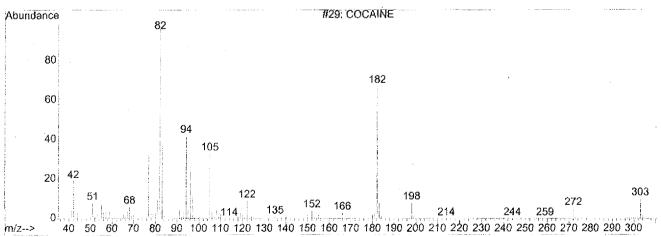
PK# RT Library/ID CAS# Qual

1 4.74 C:\DATABASE\SLI.L COCAINE

000050-36-2

99





759112.D

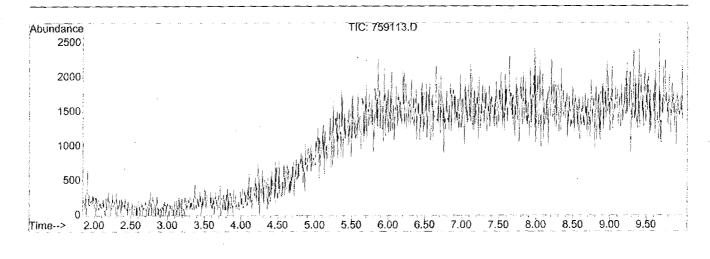
Thu Oct 27 09:57:28 2011

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759113.D

Operator : DCS

Date Acquired : 7 Dec 2010 12:19

Sample Name : BLANK Submitted by : ASD Vial Number AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area Ratio %

NO INTEGRATED PEAKS

759113.D

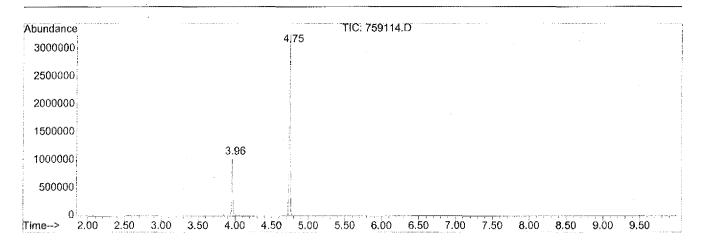
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Operator : DCS

Date Acquired : _ 7 Dec 2010 12:33

Sample Name :

Submitted by : ASD
Vial Number : 14
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.960 4.748		23.21 76.79		

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759114.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 12:33

Sample Name

Submitted by : ASD Vial Number : 14 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries:

C:\DATABASE\SLI.L

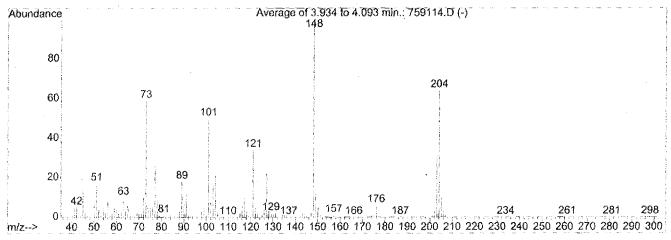
Minimum Quality: 90

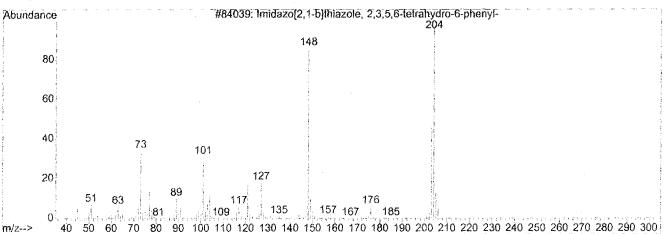
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID		CAS#	Qual
 1	3.96	C:\DATABASE\NIST98.L			
		Imidazo[2,1-b]thiazole,			98
		<pre>Imidazo[2,1-b]thiazole,</pre>			97
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	96





759114.D

Thu Oct 27 09:57:35 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759114.D$

Operator : DCS

Date Acquired : 7 Dec 2010 12:33

Sample Name : ____

Submitted by : ASD Vial Number : 14
AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

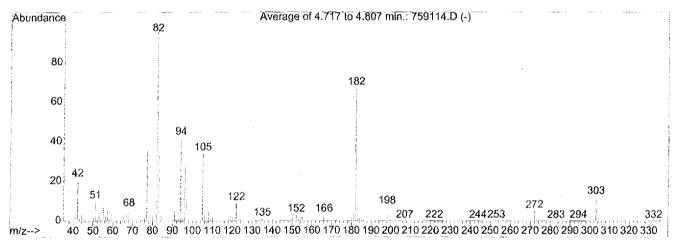
Minimum Quality: 90

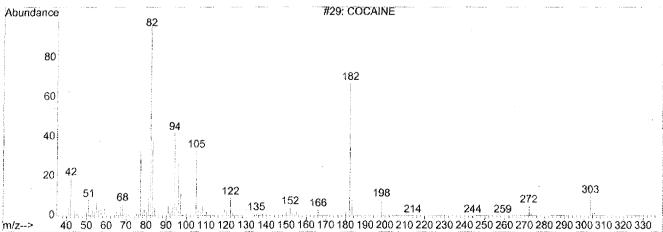
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
	A 35	C:\DATABASE\SLI.L		
۷	4.75	C:\DATABASE\SLI.L COCAINE	000050-36-2	99





759114.D

Thu Oct 27 09:57:35 2011

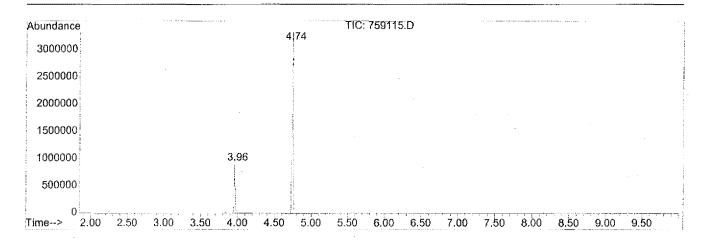
File Name : $F:\Q4-2010\SYSTEM4\12_07_10\759115.D$

Operator : DCS

Date Acquired : <u>7 Dec 2010</u> 12:46

Sample Name :

Submitted by : ASD
Vial Number : 15
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.962 4.744	991460 3923268	20.17 79.83	,	

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759115.D

Operator : DCS

Date Acquired : __ 7 Dec 2010 12:46

Sample Name :

Submitted by : ASD
Vial Number : 15
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

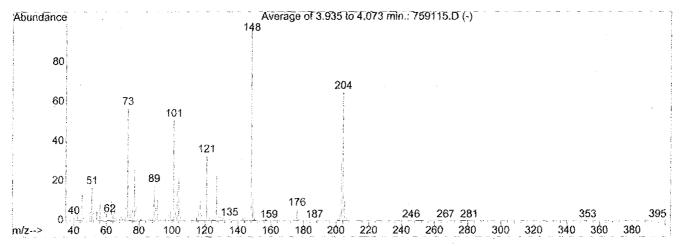
Minimum Quality: 90

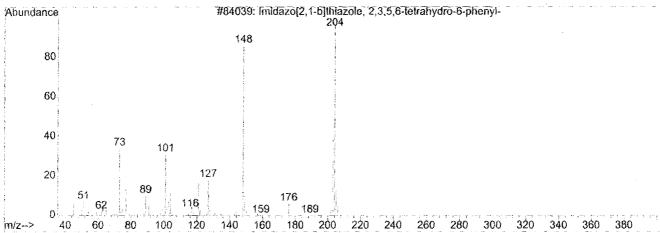
96

C:\DATABASE\NIST98.L

PK#	RT	Library/ID		CAS#	Qual
1	3.96	5. (5.22.22.22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.		000000	0.0
		<pre>Imidazo(2,1-b)thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	97

Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6





759115.D

Thu Oct 27 09:57:39 2011

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759115.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 12:46

Sample Name

Submitted by : ASD
Vial Number : 15
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries:

C:\DATABASE\SLI.L

Minimum Quality: 90

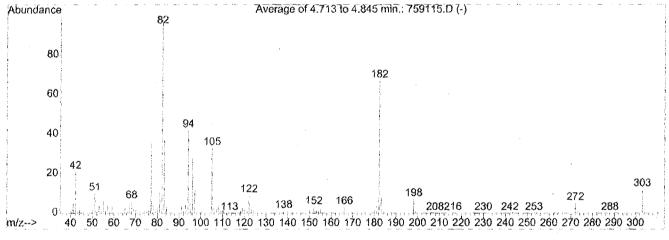
C:\DATABASE\PMW_TOX2.L

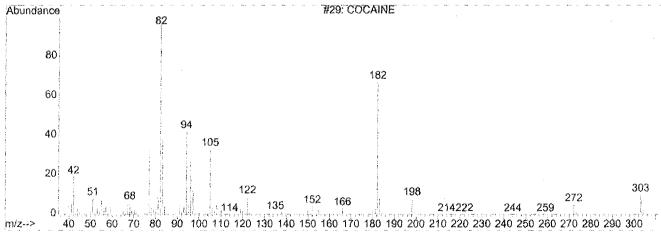
C:\DATABASE\NIST98.L

Minimum Quality: 90

PK#	RT	Library/ID	CAS#	Qual

2	4.74	C:\DATABASE\SLI.L COCAINE	000050-36-2	99





759115.D

Thu Oct 27 09:57:40 2011

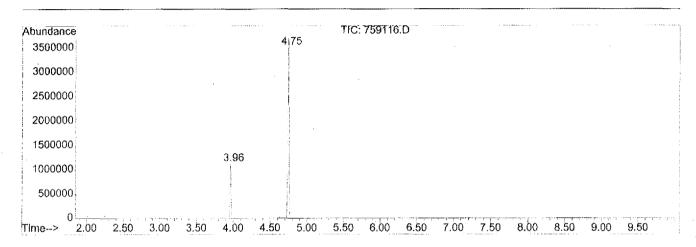
File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759116.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 13:00

Sample Name : Submitted by : ASD

Vial Number : 16
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.962 4.745	1235744 4287181		

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759116.D

Operator : DCS

Date Acquired : _7 Dec 2010 13:00

Sample Name :

Submitted by : ASD
Vial Number : 16
AcquisitionMeth: DRUGS
Integrator : RTE

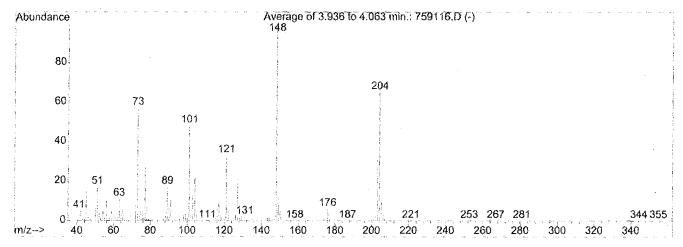
Search Libraries: (

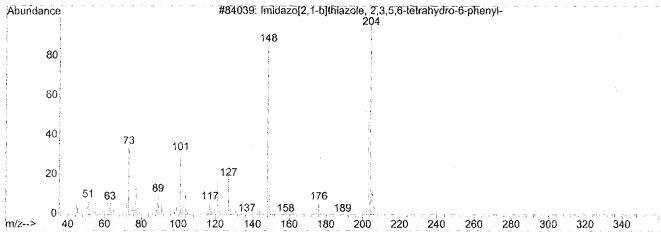
C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID		CAS#	Qual
1	3,96	C:\DATABASE\NIST98.L			an Harrison Harrison.
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	97
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	005036-02-2	97





759116.D

Thu Oct 27 09:57:44 2011

File Name : $F: Q4-2010 \ SYSTEM4 \ 12 \ 07 \ 10 \ 759116.D$

Operator : DCS

Date Acquired : 7 Dec 2010 13:00

Sample Name

Submitted by : ASD
Vial Number : 16
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\

C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

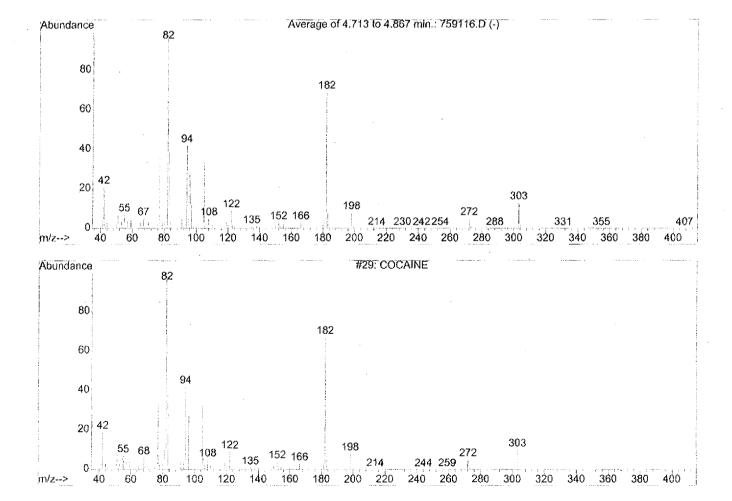
Minimum Quality: 90

C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

2 4.75 C:\DATABASE\SLI.L

COCAINE 000050-36-2 99



759116.D

Thu Oct 27 09:57:44 2011

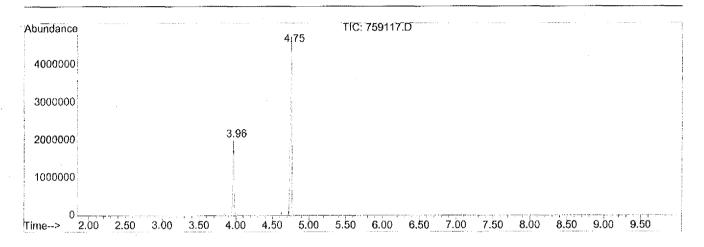
File Name : $F: \Q4-2010\SYSTEM4\12\ 07\ 10\759117.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 _ 13:13

Sample Name

Submitted by : ASD
Vial Number : 17
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.964 4.752	2373982 6855338	25.72 74.28	-	

: F:\Q4-2010\SYSTEM4\12 07 10\759117.D File Name

Operator : DCS

Date Acquired 7 Dec 2010 13:13

Sample Name

Submitted by : ASD Vial Number 17 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries:

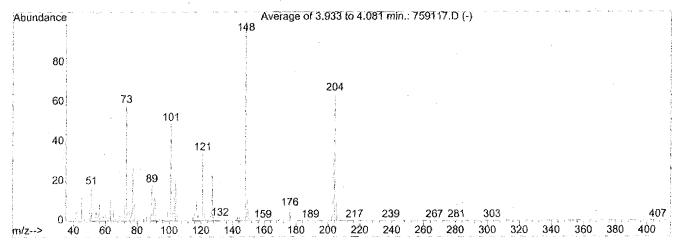
C:\DATABASE\SLI.L Minimum Quality: 90

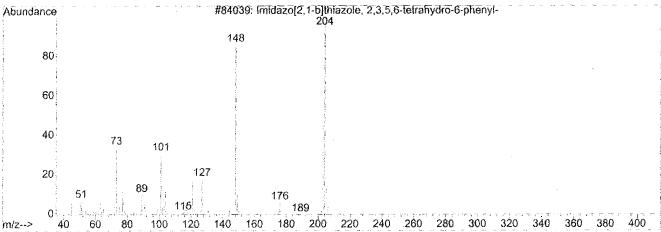
C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

Pŀ	(#	RT	Library/ID		CAS#	Qual
		2.06	CO DAMADA CO NITOMOO I			
1	-	3.96	C:\DATABASE\NIST98.L Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98
			<pre>Imidazo[2,1-b]thiazole,</pre>			97
			Imidazo[2.1-b]thiazole.	2.3.5.6-tet	005036-02-2	96





759117.D

Thu Oct 27 09:57:48 2011

2 Page

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759117.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 13:13

Sample Name :

Submitted by : ASD
Vial Number : 17
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

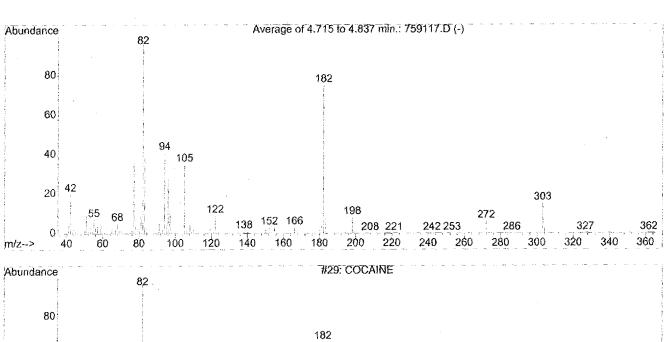
C:\DATABASE\NIST98.L

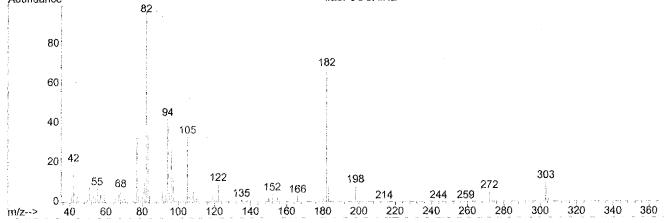
Minimum Quality: 90

PK# RT Library/ID CAS# Qual

2 4.75 C:\DATABASE\SLI.L

COCAINE 000050-36-2 99





759117.D

Thu Oct 27 09:57:49 2011

Page 3

Area Percent / Library Search Report

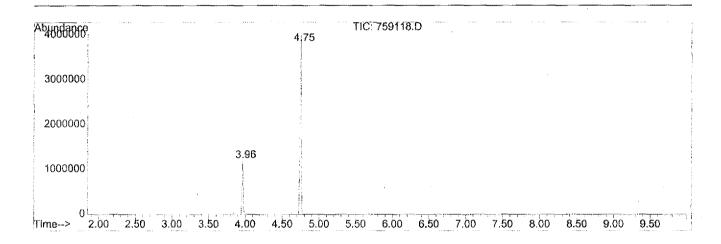
Information from Data File:

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759118.D$

Operator : DCS

Date Acquired : __7 Dec 2010 13:27

Sample Name :
Submitted by : ASD
Vial Number : 18
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.962 4.750	1246787 4819579	79.45	

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759118.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 13:27

Sample Name :

Submitted by : ASD
Vial Number : 18
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries:

C:\DATABASE\SLI.L

C:\DATABASE\PMW_TOX2.L

C:\DATABASE\NIST98.L

Minimum Quality: 90

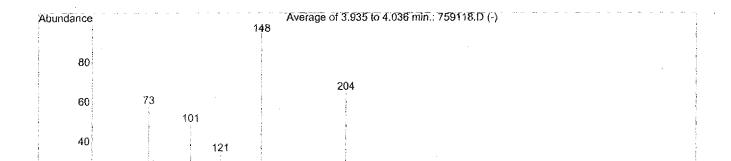
Minimum Quality: 90

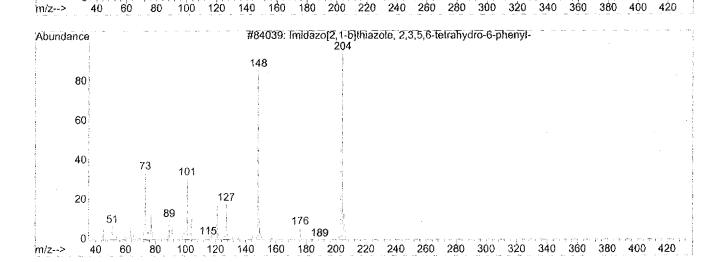
97

97

429

Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6
Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6





759118.D

20

51

89

135

160

Thu Oct 27 09:57:52 2011

File Name : $F: Q4-2010 \SYSTEM4 \12 07 10 \759118.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 13:27

Sample Name :

Submitted by : ASD Vial Number : 18 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW TOX2.L Minimum Quality: 90

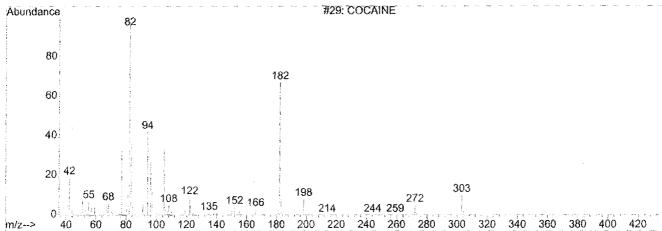
C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

2 4.75 C:\DATABASE\SLI.L COCAINE

000050-36-2 99

Average of 4.713 to 4.845 min.: 759118,D (-) Abundance 80 182 60 40 20 303 108 122 55 68 140 152 166 214 230242254 01 140 160 220 240 260 80 200 280 300 340 360 380 400 m/z--> 100 120 180 Abundance #29: COCAINE



759118.D

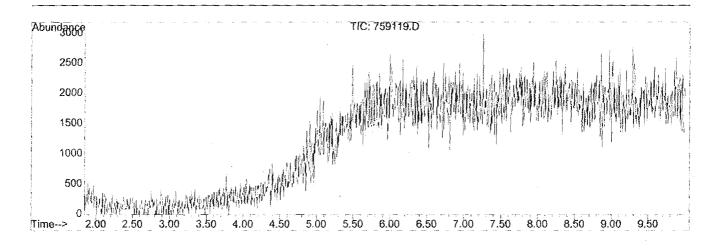
Thu Oct 27 09:57:53 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759119.D$

Operator : DCS

Date Acquired : 7 Dec 2010 13:41

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

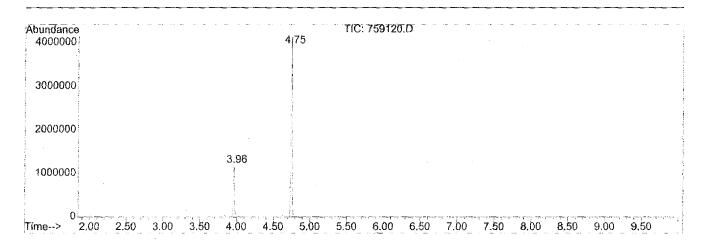
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759120.D Operator : DCS

Date Acquired : 7 Dec 2010 13:55 Sample Name :

Submitted by : ASD Vial Number : 20 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.961 4.749	1296555 4858592		26.69 100.00	

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759120.D

Operator : DCS

Date Acquired : __7_Dec_2010 13:55

Sample Name :

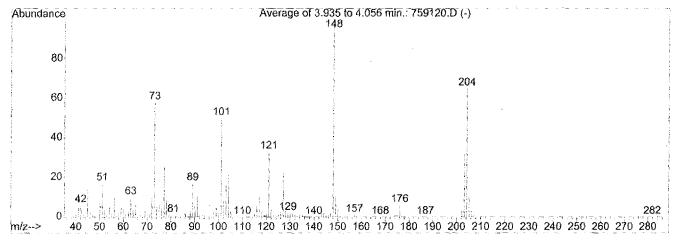
Submitted by : ASD
Vial Number : 20
AcquisitionMeth: DRUGS
Integrator : RTE

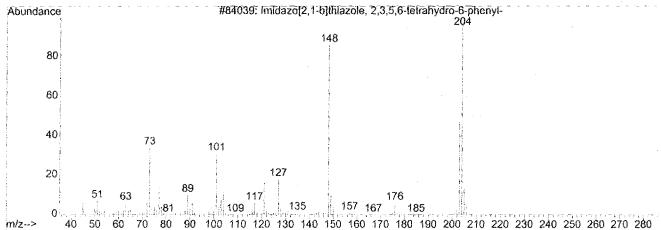
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

 PK#	RT	Library/ID		CAS#	Qual
1	3.96	C:\DATABASE\NIST98.L			
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	97
		Imidazo[2.1-b]thiazole.	2.3.5.6-tet	006649-23-6	97





759120.D

Thu Oct 27 09:58:01 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759120.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 13:55

Sample Name ' :

Submitted by : ASD
Vial Number : 20
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

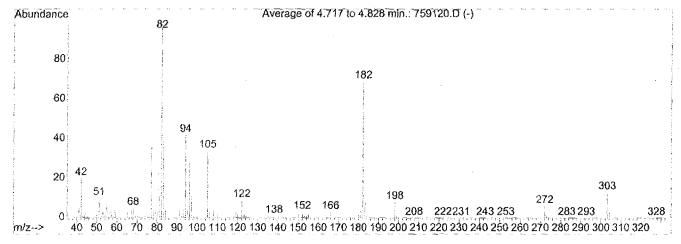
C:\DATABASE\NIST98.L

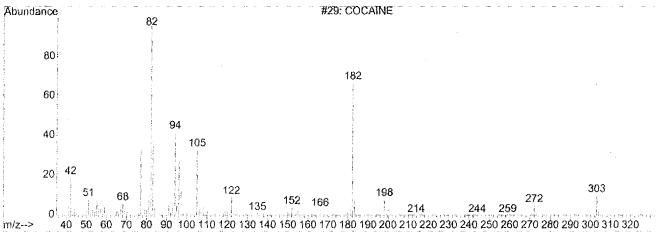
PK# RT Library/ID CAS# Qual

2 4.75 C:\DATABASE\SLI.L COCAINE

000050-36-2

99





759120.D

Thu Oct 27 09:58:02 2011

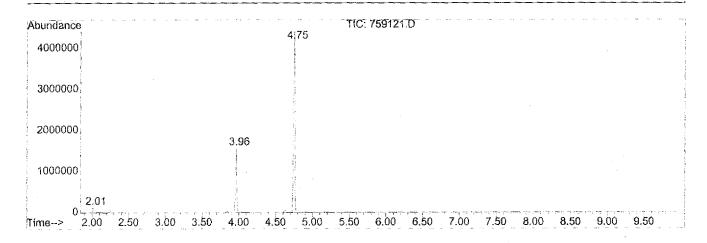
File Name : F:\Q4-2010\SYSTEM4\12 07 10\759121.D

: DCS Operator

Date Acquired : 7 Dec 2010 14:09

Sample Name : Submitted by

: ASD Vial Number : 21 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
			Maria Ma
2.012	183040	2.45	3.26
3.964	1685855	22.54	30.05
4.752	5611045	75.01	100.00
			,

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 07 10\759121.D : DCS Operator Date Acquired 7 Dec 2010 Sample Name Submitted by : ASD Vial Number 21 AcquisitionMeth: DRUGS Integrator : RTE Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# RT Library/ID CAS# Qual 2.01 C:\DATABASE\PMW TOX2.L 1 Cocaine-M/artifact -H20 000000-00-0 96 MDA-M (desmethylenyl-methyl-) ME @ 000000-00-0 37 Metipranolol-M/artifact AC 000000-00-0 23 Abundance Average of 1.991 to 2.092 min.: 759121.D (-) 152 80 60 40 181 20 106 89 100 111 117 130 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 m/z--> #3574: Cocaine-M/artifact -H2O Abundance 152 80

759121,D

60

40

20

Thu Oct 27 09:58:06 2011

106

40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185

122

Page 2

166

181

File Name : $F:\Q4-2010\SYSTEM4\12_07_10\759121.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:09

Sample Name :

Submitted by : ASD Vial Number : 21 AcquisitionMeth: DRUGS Integrator : RTE

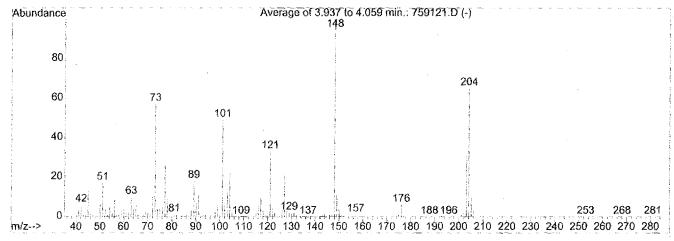
Search Libraries: C:\DATABASE\SLI.L

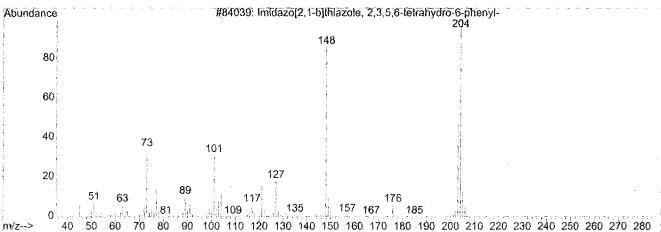
Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L





759121.D

Thu Oct 27 09:58:06 2011

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759121.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:09

Sample Name

Submitted by : ASD Vial Number : 21 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries:

PK#

C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

C:\DATABASE\NIST98.L

Minimum Quality: 90

3 4.75 C:\DATABASE\SLI.L

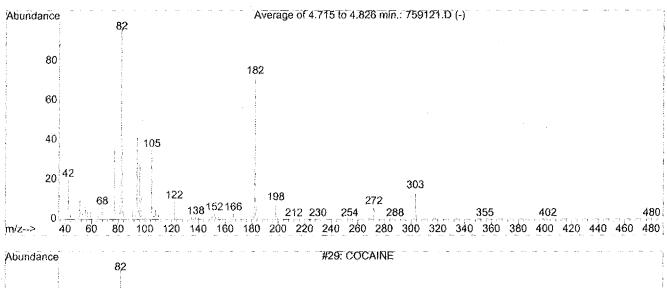
CAS# Qual

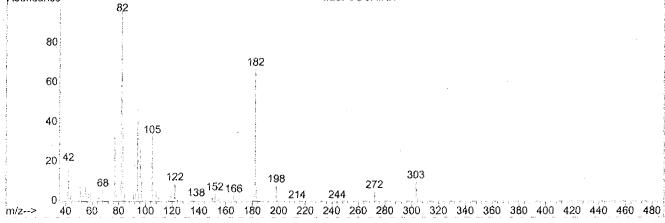
C:\DATABASE\SLI.L COCAINE

Library/ID

000050-36-2

99





759121.D

Thu Oct 27 09:58:07 2011

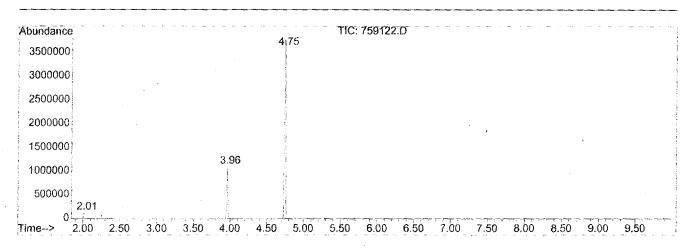
File Name : F:\Q4-2010\SYSTEM4\12_07_10\759122.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:22

Sample Name :

Submitted by : ASD
Vial Number : 22
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.013	182134	3.20	4.22	
3.959	1183222	20.81	27.39	
4.747	4320212	75.99	100.00	

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759122.D$

Operator : DCS

Date Acquired : _7 Dec 2010 14:22

Sample Name :

Submitted by : ASD
Vial Number : 22
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

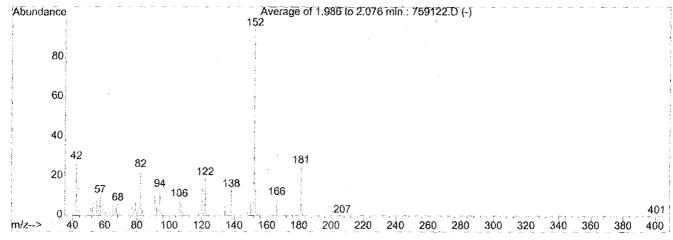
Minimum Quality: 90

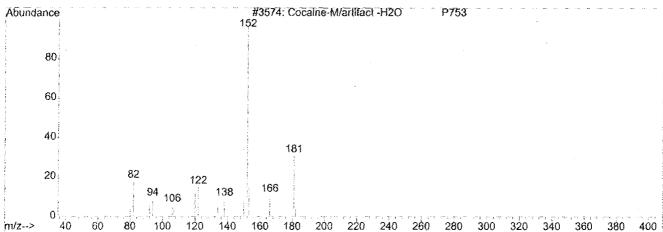
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID		CAS#	Qual
1	2.01	C:\DATABASE\PMW TOX2.L			
*		Cocaine-M/artifact -H2O		000000-00-0	97
		MDA-M (desmethylenyl-methyl-) M	E @	000000-00-0	38
		Metipranolol-M/artifact AC		000000-00-0	35





759122.D

Thu Oct 27 09:58:11 2011

File Name : $F:\Q4-2010\SYSTEM4\12_07_10\759122.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:22

Sample Name : Submitted by :

Submitted by : ASD Vial Number : 22 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

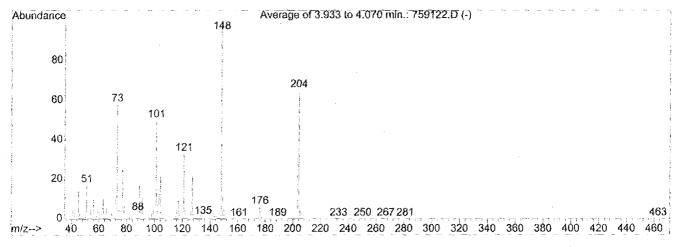
Minimum Quality: 90

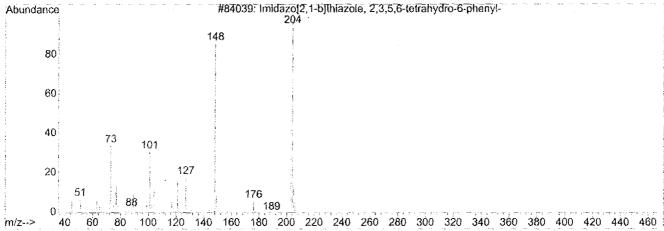
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

	PK#	RT	Library/ID		CAS#	Qual
*****	2	3.96	C:\DATABASE\NIST98.L			
			Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98
			Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	97
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	97





759122.D

Thu Oct 27 09:58:11 2011

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759122.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:22

Sample Name : ASD Submitted by : ASD Vial Number : 22

Vial Number : 22 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

ABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

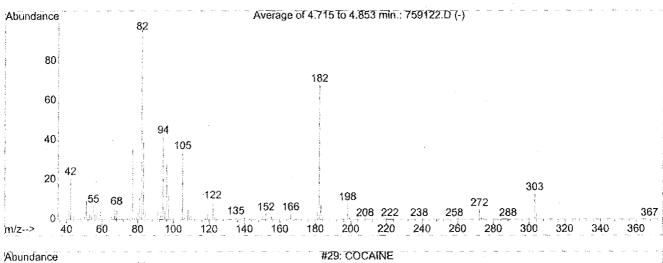
C:\DATABASE\NIST98.L

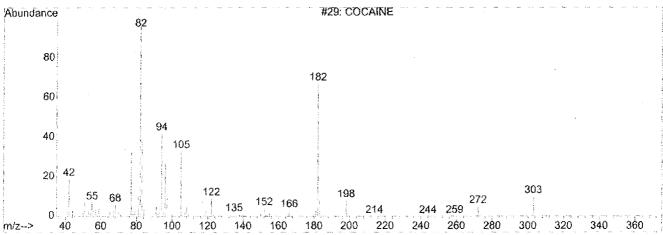
PK# RT Library/ID CAS# Qual

3 4.75 C:\DATABASE\SLI.L COCAINE

000050-36-2

99





759122.D

Thu Oct 27 09:58:12 2011

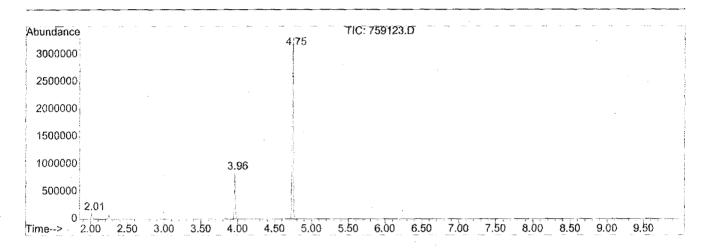
File Name : F:\Q4-2010\SYSTEM4\12_07_10\759123.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:36

Sample Name : Submitted by : ASD

Vial Number : 23 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.011 3.958 4.746	0,00.1	19.13	5.09 24.85 100.00

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12_07_10\759123.D : DCS Operator Date Acquired 7 Dec 2010 14:36 Sample Name Submitted by ASD Vial Number 23 AcquisitionMeth: DRUGS Integrator : RTE Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L CAS# Qual PK# RT Library/ID 1 2.01 C:\DATABASE\PMW TOX2.L Cocaine-M/artifact -H20 98 000000-00-0 MDA-M (desmethylenyl-methyl-) ME 38 @ 000000-00-0 Metipranolol-M/artifact AC 000000-00-0 17 Abundance Average of 1.985 to 2.080 min.: 759123.D (-) 80 60 40 42 181 82 20 138 166 106 0 80 m/z--> 100 120 160 180 140 Abundance #3574: Cocaine-M/artifact -H2O 152 80 60 40 181 82 20 122 166 138 94 106

759123.D

Thu Oct 27 09:58:16 2011

160

100

120

140

180 200

Page 2

260

220 240

340

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759123.D$

Operator : DCS

Date Acquired : __7 Dec 2010 14:36

Sample Name

Submitted by : ASD
Vial Number : 23
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATA

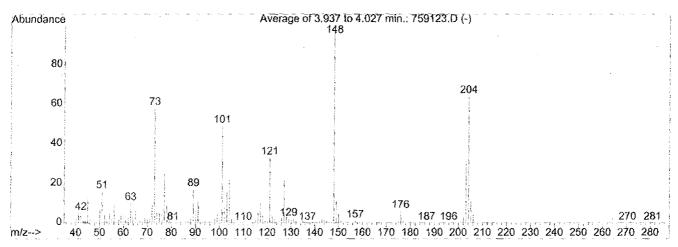
C:\DATABASE\SLI.L Minimum Quality: 90

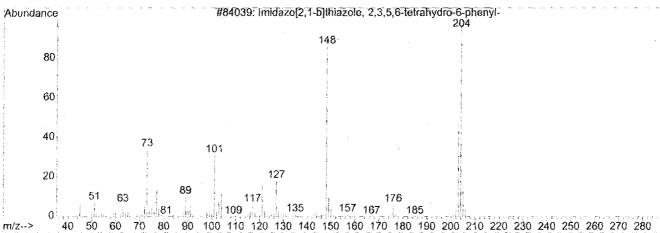
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID		CAS#	Qual
 2	3.96	C:\DATABASE\NIST98.L			
	5.50	Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	97
		<pre>Imidazo(2,1-b)thiazole,</pre>	2,3,5,6-tet	006649-23-6	97





759123.D

Thu Oct 27 09:58:17 2011

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759123.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:36

Sample Name

Submitted by : ASD Vial Number : 23 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

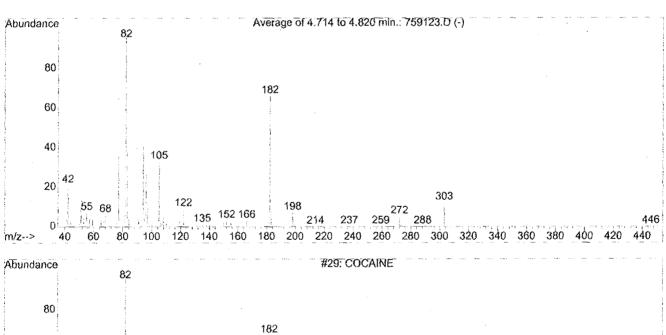
C:\DATABASE\NIST98.L

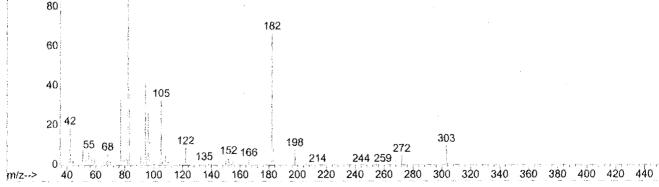
PK# RT Library/ID CAS# Qual

3 4.75 C:\DATABASE\SLI.L COCAINE

000050-36-2

99





759123.D

Thu Oct 27 09:58:17 2011

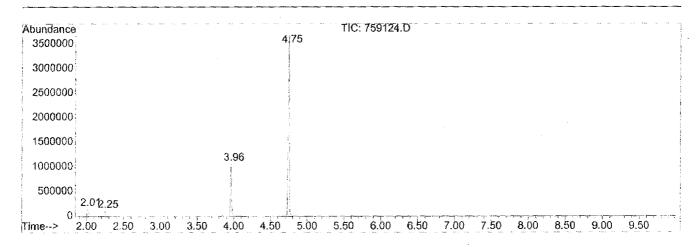
File Name : F:\Q4-2010\SYSTEM4\12_07_10\759124.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:50

Sample Name : Submitted by :

Submitted by : ASD Vial Number : 24 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.014	250044	4.32	5.82	
2.252	110457	1.91	2.57	
3.960	1126465	19.48	26.23	
4.748	4295121	74.28	100.00	•

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759124.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:50

Sample Name

Submitted by : ASD Vial Number : 24 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

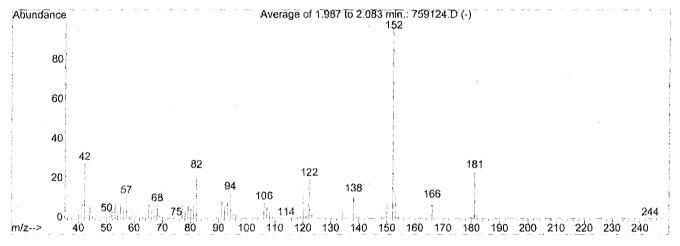
L Minimum Quality: 90

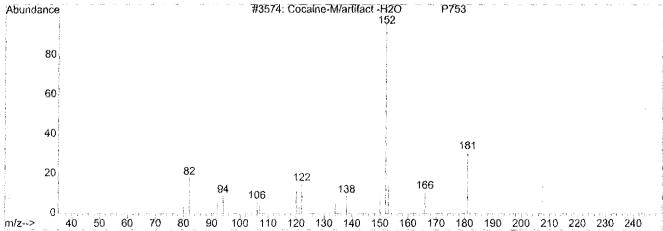
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK	# RT	Library/ID	CAS#	Qual
1	2.01	C:\DATABASE\PMW_TOX2.L Cocaine-M/artifact -H2O MDA-M (desmethylenyl-methyl-) ME	000000-00-0	96 37
		DMA	002801-68-5	25





759124.D

Thu Oct 27 09:58:21 2011

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759124.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:50

Sample Name

Submitted by : ASD
Vial Number : 24
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

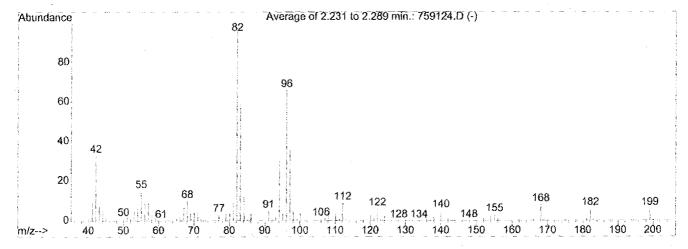
Minimum Quality: 90

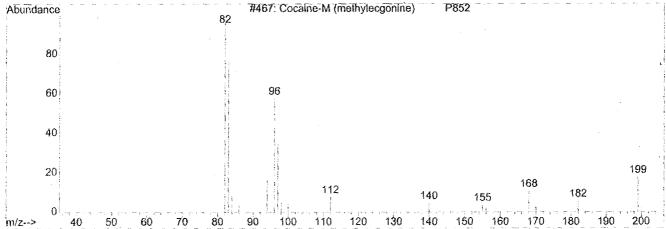
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	2.25	C:\DATABASE\PMW_TOX2.L Cocaine-M (methylecgonine) Cocaine-M (methylecgonine) AC Cocaine	007143-09-1 000000-00-0 000050-36-2	94 40 38





759124.D

Thu Oct 27 09:58:22 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759124.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:50

Sample Name

Submitted by : ASD
Vial Number : 24
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

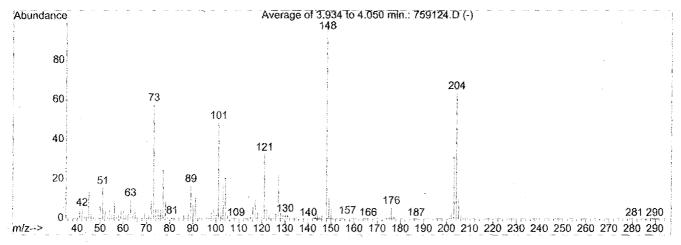
Minimum Quality: 90

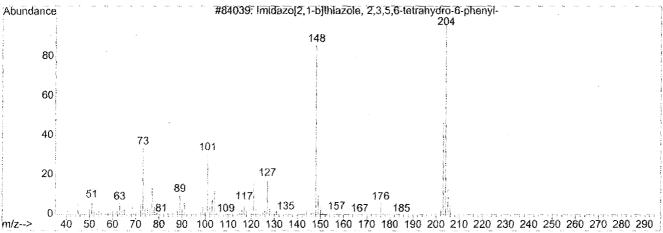
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID		CAS#	Qual
 3	3.96	C:\DATABASE\NIST98.L	· · · · · · · · · · · · · · · · · · ·		
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	005036-02-2	97
		Imidazo[2 1-h]thiazole	2 3 5 6-tet	006649-23-6	97





759124.D

Thu Oct 27 09:58:22 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759124.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 14:50

Sample Name :

Submitted by : ASD
Vial Number : 24
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

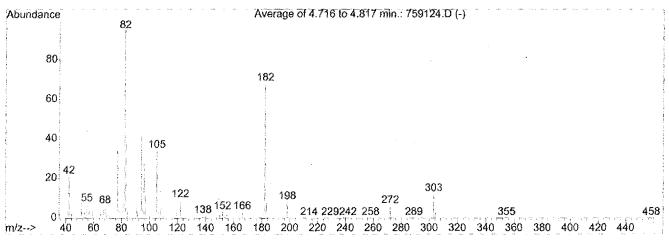
C:\DATABASE\NIST98.L

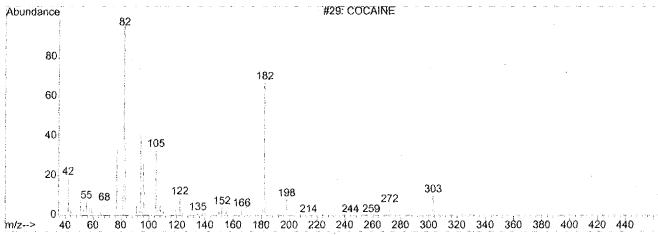
PK# RT Library/ID CAS# Qual

4 4.75 C:\DATABASE\SLI.L

COCAINE

000050-36-2 99





759124.D

Thu Oct 27 09:58:23 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759125.D$

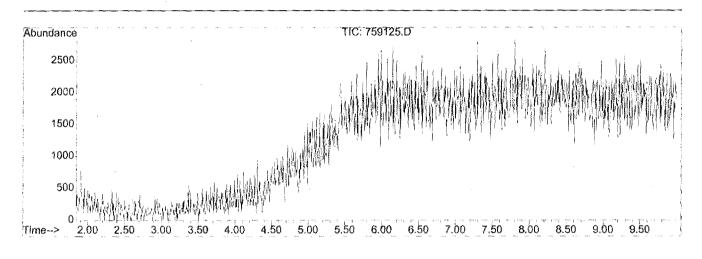
Operator : DCS

Date Acquired : 7 Dec 2010 15:03

Sample Name : BLANK

Submitted by :

Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759126.D

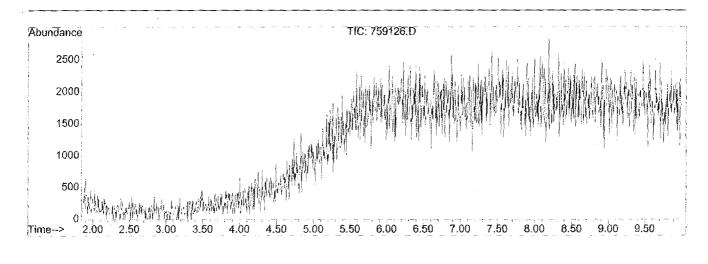
Operator : DCS

Date Acquired : 7 Dec 2010 15:17

Sample Name : BLANK

Submitted by :

Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

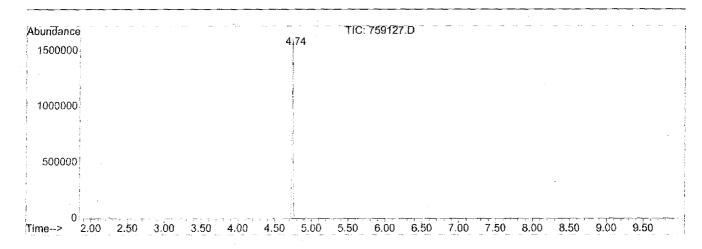
File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759127.D$

Operator : DCS

Date Acquired : 7 Dec 2010 15:30 Sample Name : COCAINE STANDARD

Submitted by

Vial Number : 27 AcquisitionMeth: DRUGS -Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
4.737	1681957	100.00	100.00	

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759127.D$

Operator : DCS

Date Acquired : 7 Dec 2010 15:30 Sample Name : COCAINE STANDARD

Submitted by

Vial Number : 27 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

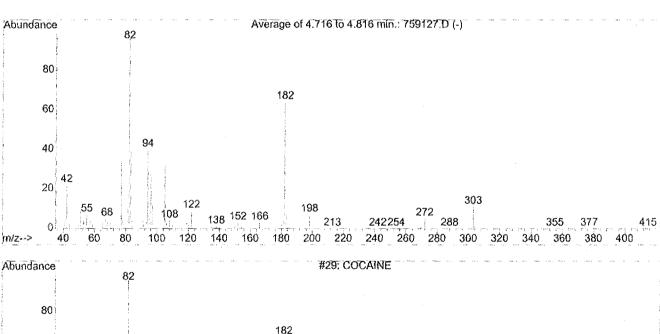
C:\DATABASE\NIST98.L

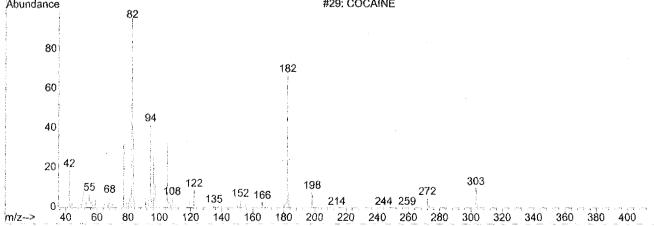
PK# RT Library/ID CAS# Qual

1 4.74 C:\DATABASE\SLI.L COCAINE

000050-36-2

99





759127.D

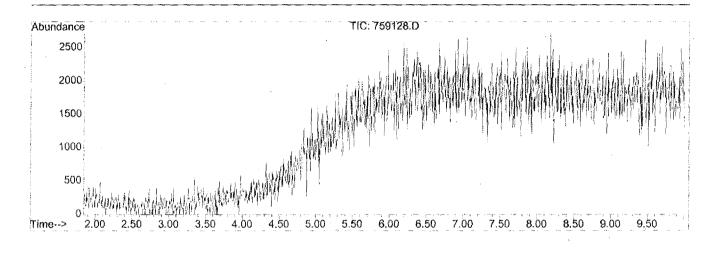
Thu Oct 27 09:58:34 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759128.D$

Operator : DCS

Date Acquired : 7 Dec 2010 15:44

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

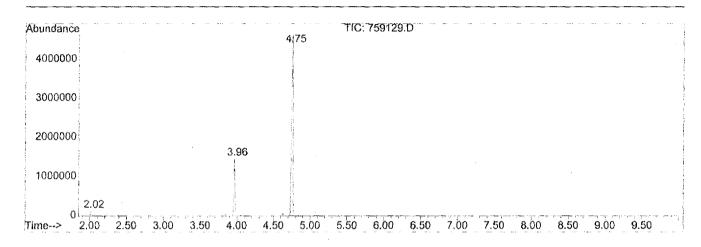
File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759129.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 15:58

Sample Name : Submitted by : ASD Vial Number : 29

Vial Number : 29 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.015 3.961 4.755	210827 1613725 6318096	2.59 19.82 77.59	25.54	

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 07 10\759129.D Operator : DCS Date Acquired 15:58 7 Dec 2010 Sample Name Submitted by ASD : Vial Number 29 AcquisitionMeth: DRUGS Integrator : RTE C:\DATABASE\SLI.L Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# RT Library/ID CAS# Qual 2.02 C:\DATABASE\PMW TOX2.L 1 Cocaine-M/artifact -H20 000000-00-0 97 Metipranolol-M/artifact AC 000000-00-0 38 MDA-M (desmethylenyl-methyl-) ME @ 000000-00-0 37 Abundance Average of 1.989 to 2.116 min.: 759129.D (-) 80 60 40 42 82 181 20 122 138 166 106 69 405 0 m/z--> 80 160 180 200 220 100 120 140 240 260 280 Abundance #3574: Cocaine-M/artifact -H2O 80 60 40 181

759129.D

20

82

94

106

100

120

Thu Oct 27 09:58:42 2011

180

200

166

160

138

140

Page 2

220 240 260 280 300 320 340

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759129.D

Operator : DCS

Date Acquired : __7 Dec 2010 15:58

Sample Name

Submitted by : ASD
Vial Number : 29
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

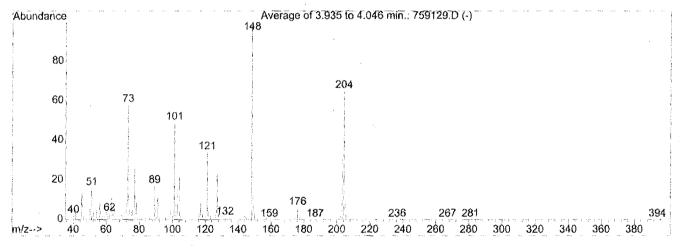
Minimum Quality: 90

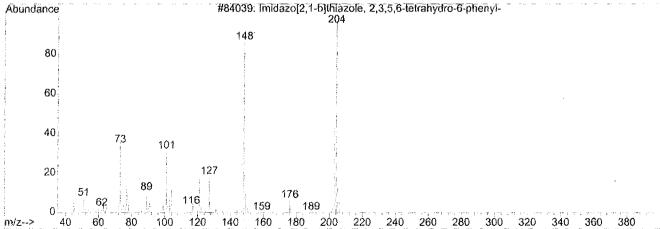
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID		CAS#	Qual
 2	3,96	C:\DATABASE\NIST98.L			Mily, and gagger — Mily, and hygger — M
•		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98
	•	Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	97





759129.D

Thu Oct 27 09:58:42 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759129.D$

Operator : DCS

Date Acquired : 7 Dec 2010 15:58

Sample Name

Submitted by : ASD Vial Number : 29 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

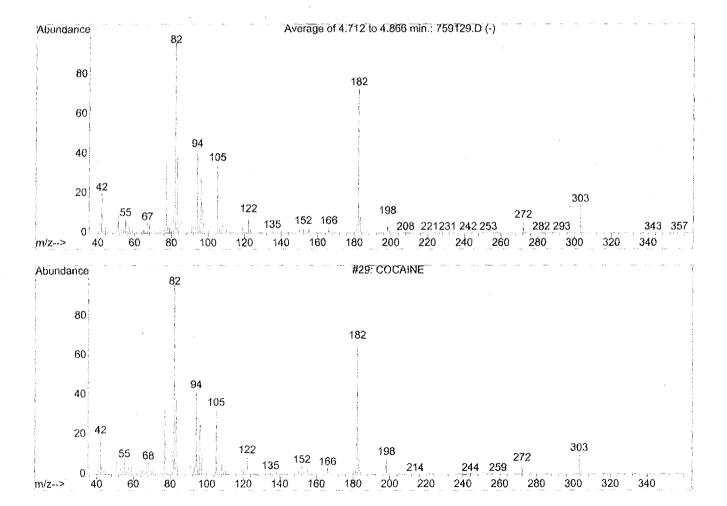
Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
3	A 75	C:\DATABASE\SLI.L		
3	4.75	COCAINE	000050-36-2	99



759129.D

Thu Oct 27 09:58:43 2011

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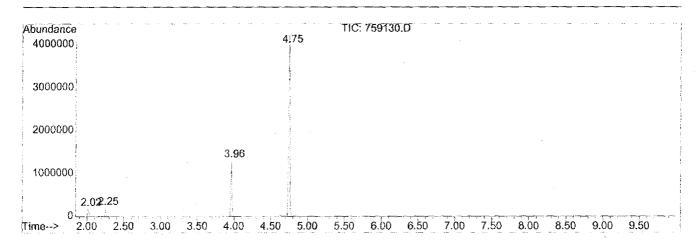
File Name : F:\Q4-2010\SYSTEM4\12 07 10\759130.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:12

Sample Name

Submitted by : ASD
Vial Number : 30
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.016	300225	4.34	5.93	
2.249	196729	2.84	3.89	
3.962	1364424	19.70	26.95	
4.751	5062918	73.12	100.00	

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 07 10\759130.D Operator : DCS Date Acquired 7 Dec 2010 16:12 Sample Name Submitted by : ASD Vial Number 30 AcquisitionMeth: DRUGS Integrator : RTE Minimum Quality: 90 Search Libraries: C:\DATABASE\SLI.L C:\DATABASE\PMW_TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# Library/ID CAS# Qual RT 2.02 C:\DATABASE\PMW TOX2.L 1 97 Cocaine-M/artifact -H20 000000-00-0 38 @ 000000-00-0 MDA-M (desmethylenyl-methyl-) ME Metipranolol-M/artifact AC 000000-00-0 32 Average of 1.990 to 2.085 mln.: 759130.D (-) Abundance 80 60 40 42 181 122 20 94 138 166 106 72 130 113 160 170 180 190 200 210 220 230 240 250 260 100 110 120 130 140 150 70 90 m/z--> 80 Abundance #3574: Cocaine-M/artifact -H2O P753 80 60 40 181 20 82 122 166 138 106 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

Thu Oct 27 09:58:47 2011

759130.D

Page

2

Information from Data File: File Name : F:\Q4-2010\SYSTEM4\12 07 10\759130.D : DCS Operator Date Acquired 7 Dec 2010 16:12 Sample Name Submitted by : ASD Vial Number 30 AcquisitionMeth: DRUGS Integrator : RTE C:\DATABASE\SLI.L Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# RT Library/ID CAS# Qual 2 2.25 C:\DATABASE\PMW TOX2.L Cocaine-M (methylecgonine) 007143-09-1 96 Cocaine 000050-36-2 38 Cocaine-M (methylecgonine) AC 000000-00-0 33 Average of 2.217 to 2.291 min.: 759130.D (-) Abundance 80 96 60 40 42 20 68 $40 \ 50 \ 60 \ 70 \ 80 \ 90 \ 100 \ 110 \ 120 \ 130 \ 140 \ 150 \ 160 \ 170 \ 180 \ 190 \ 200 \ 210 \ 220 \ 230 \ 240 \ 250 \ 260 \ 270 \ 280 \ 290 \ 300 \ 310 \ 320 \ 330 \ 340 \ 320$ m/z-> #467: Cocaine-M (methylecgonine) Abundance 82 80 60

759130.D

40

20

Thu Oct 27 09:58:47 2011

155

199

 $40 \quad 50 \quad 60 \quad 70 \quad 80 \quad 90 \quad 100 \\ 110 \\ 120 \\ 130 \\ 140 \\ 150 \\ 160 \\ 170 \\ 180 \\ 190 \\ 200 \\ 210 \\ 220 \\ 230 \\ 240 \\ 250 \\ 260 \\ 270 \\ 280 \\ 290 \\ 300 \\ 310 \\ 320 \\ 330 \\ 340$

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759130.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:12

Sample Name :

Submitted by : ASD
Vial Number : 30
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\I

C:\DATABASE\SLI.L

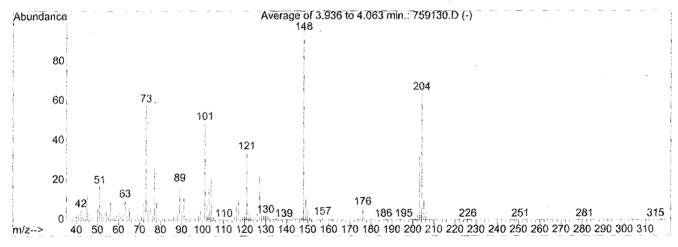
Minimum Quality: 90

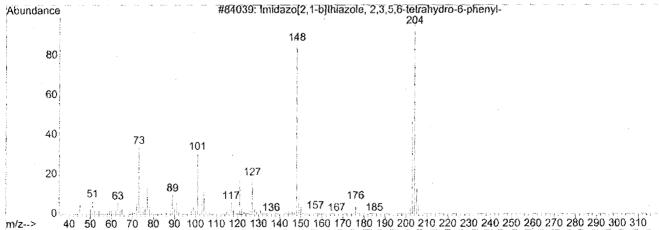
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID		CAS#	Qual
3	3.96	C:\DATABASE\NIST98.L			1884
J	3.00	<pre>Imidazo(2,1-b)thiazole, Imidazo(2,1-b)thiazole,</pre>	2,3,5,6-tet	006649-23-6	98 97
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	97





759130.D

Thu Oct 27 09:58:48 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759130.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:12

Sample Name :

Submitted by : ASD
Vial Number : 30
AcquisitionMeth: DRUGS
Integrator : RTE

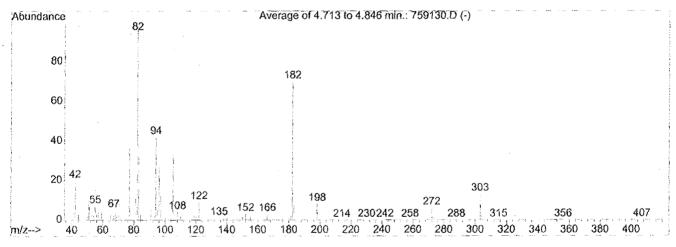
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

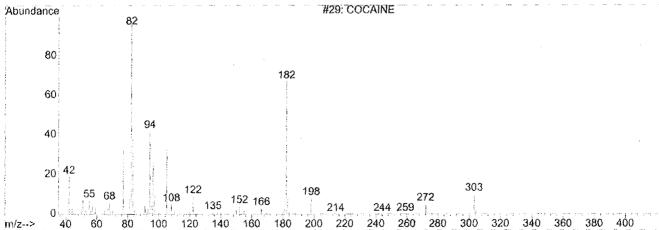
C:\DATABASE\PMW_TOX2.L

C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

4 4.75 C:\DATABASE\SLI.L COCAINE 000050-36-2





759130.D

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Minimum Quality: 90

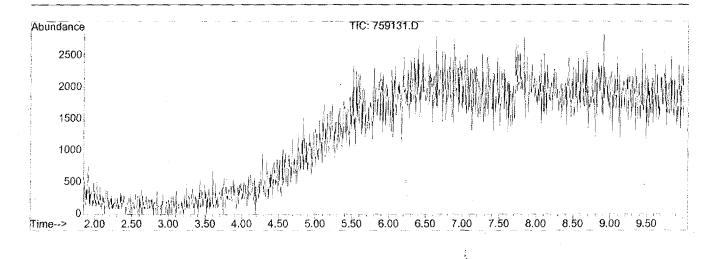
99

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759131.D

Operator : DCS

Date Acquired: 7 Dec 2010 16:25

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

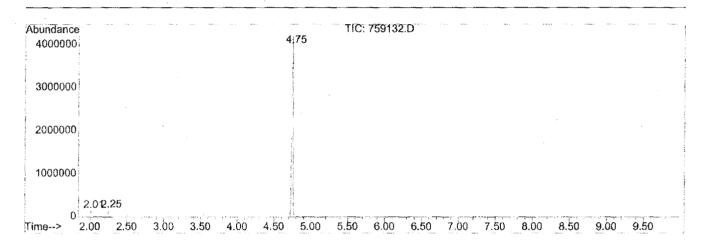
File Name : F:\Q4-2010\SYSTEM4\12_07_10\759132.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:39

Sample Name :

Submitted by : ASD
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.012	186736	3.25	3.43	
2.250	120177	2.09	2.21	
4.752	5441608	94.66	100.00	

Information from Data File: : F:\Q4-2010\SYSTEM4\12 07 10\759132.D File Name Operator : DCS Date Acquired <u>7 Dec 2010</u> 16:39 Sample Name Submitted by : ASD Vial Number 32 AcquisitionMeth: DRUGS Integrator : RTE C:\DATABASE\SLI.L Search Libraries: Minimum Quality: 90 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L PK# RTLibrary/ID CAS# Qual 2.01 C:\DATABASE\PMW TOX2.L Cocaine-M/artifact -H20 000000-00-0 97 MDA-M (desmethylenyl-methyl-) ME @ 000000-00-0 37 DMA 002801-68-5 32 Average of 1.986 to 2.086 min.: 759132.D (-) 152 Abundance 80 60 40 42 82 181 122 20 138 166 106 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 m/z--> 60 70 80 Abundance #3574: Cocaine-M/arlifact -H2O 152 08 60 40 181

759132.D

20

82

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166

40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320

122

138

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759132.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:39

Sample Name :

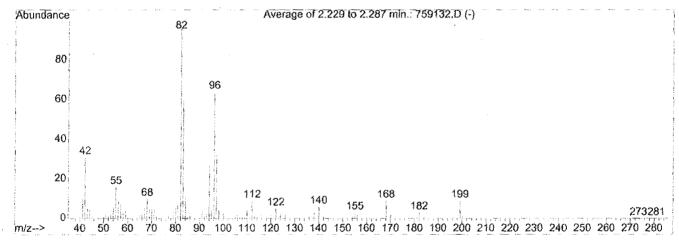
Submitted by : ASD-Vial Number : 32 AcquisitionMeth: DRUGS Integrator : RTE

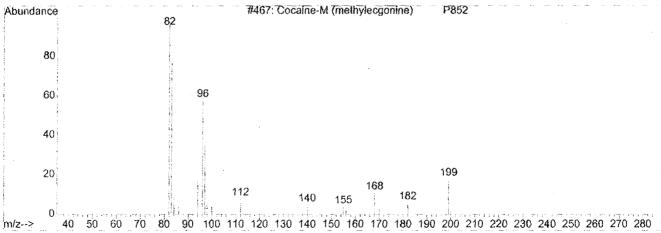
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

	PK#	RT	Library/ID		CAS#	Qual
**************************************	2	2.25	C:\DATABASE\PMW_TOX2.L Cocaine-M (methylecgonine) Cocaine-M (methylecgonine)	አሮ	007143-09-1 000000-00-0	93 33
			Selegiline-M (nor-HO-)	AC	000000-00-0	33 12





759132.D

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File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759132.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:39

COCAINE

Sample Name :

Submitted by : ASD
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE

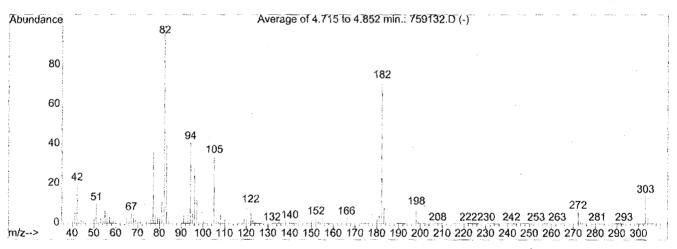
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

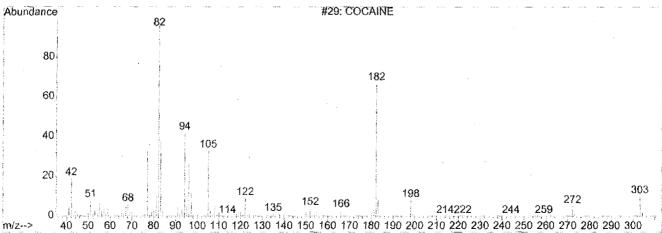
C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

3 4.75 C:\DATABASE\SLI.L





759132.D

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000050-36-2

99

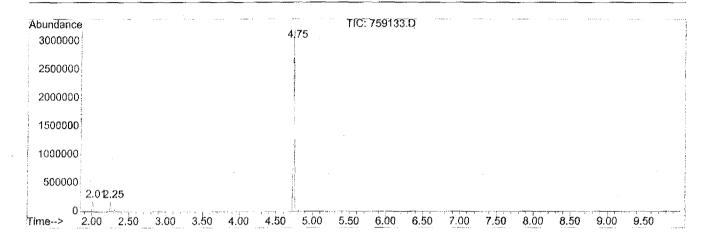
File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759133.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:52

Sample Name

Submitted by : ASD
Vial Number : 33
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.013	231048	5.71	6.32	
2.251	156922	3.88	4.29	
4.747	3656424	90.41	100.00	

: F:\Q4-2010\SYSTEM4\12 07 10\759133.D File Name

Operator : DCS

Date Acquired 7 Dec 2010 16:52

Sample Name

Submitted by ASD Vial Number 33. AcquisitionMeth: DRUGS Integrator : RTE

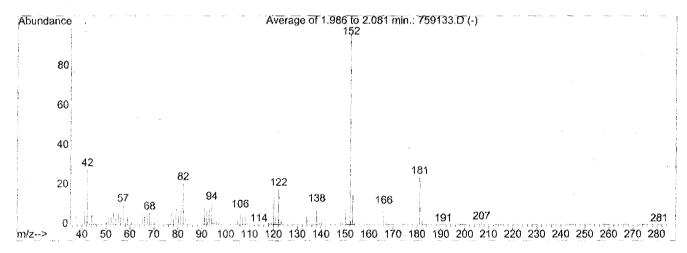
C:\DATABASE\SLI.L Search Libraries:

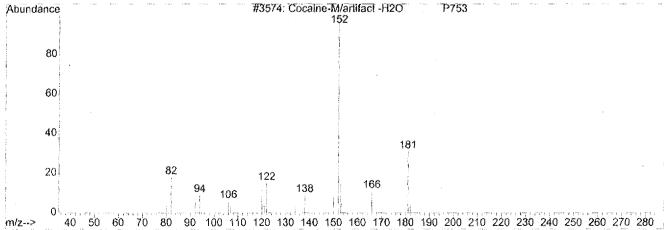
Minimum Quality: 90 Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

C:\DATABASE\NIST98.L

PK# RTLibrary/ID CAS# Qual 1 2.01 C:\DATABASE\PMW TOX2.L Cocaine-M/artifact -H20 96 000000-00-0 MDA-M (desmethylenyl-methyl-) ME 000000-00-0 28 Metipranolol-M/artifact AC 000000-00-0 23





759133.D

Thu Oct 27 09:59:01 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759133.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:52

Sample Name :

Submitted by : ASD
Vial Number : 33
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

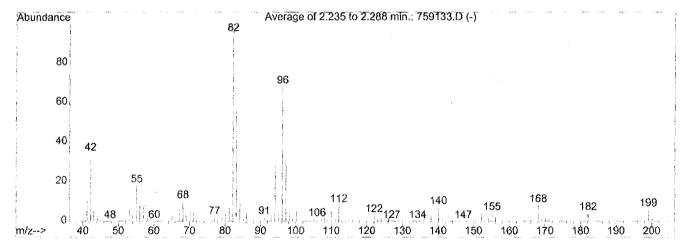
Minimum Quality: 90

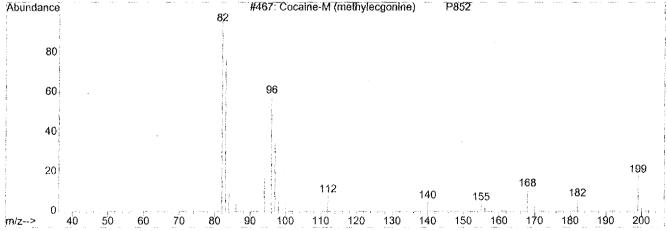
C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

	PK#	RT	Library/ID	CAS#	Qual
-	2	2,25	C:\DATABASE\PMW_TOX2.L Cocaine-M (methylecgonine)	007143-09-1	96
			Benzatropine	000086-13-5	90 9
			Selegiline-M (nor-HO-) 2AC	000000-00-0	9





759133.D

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Page 3

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759133.D$

Operator : DCS

Date Acquired : _ 7 Dec 2010 16:52

Sample Name :

Submitted by : ASD
Vial Number : 33
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

Minimum Quality: 90

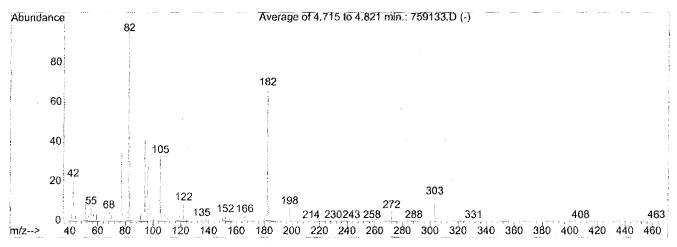
C:\DATABASE\NIST98.L

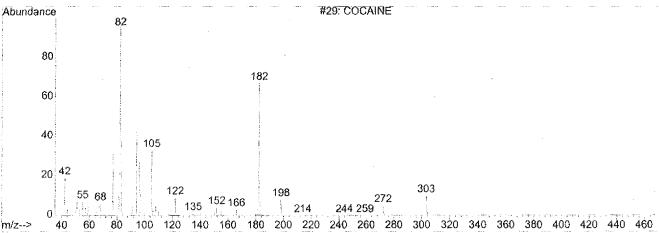
PK# RT Library/ID CAS# Qual

3 4.75 C:\DATABASE\SLI.L COCAINE

000050-36-2

99





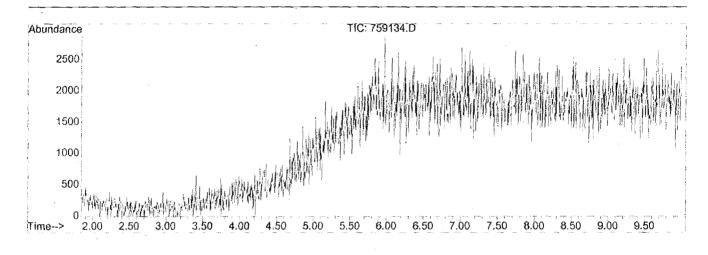
759133.D

Thu Oct 27 09:59:02 2011

File Name : $F:\Q4-2010\SYSTEM4\12_07_10\759134.D$ Operator : DCS

Date Acquired : 7 Dec 2010 17:06

Sample Name : BLANK Submitted by : ASD Vial Number AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

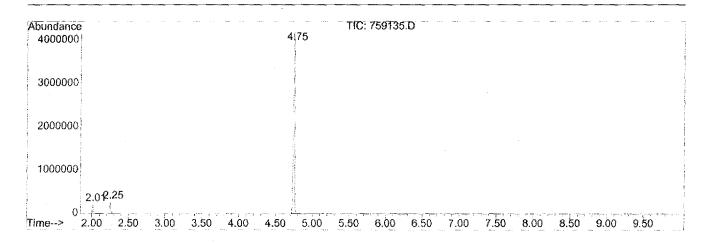
File Name : F:\Q4-2010\SYSTEM4\12_07_10\759135.D

Operator : DCS

Date Acquired : _ 7 Dec 2010 17:19

Sample Name : Submitted by :

Submitted by : ASD
Vial Number : 35
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.013	262697	4.48	4.89
2.251	222849	3.80	4.15
4.747	5373928	91.71	100.00

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759135.D

Operator : DCS

Date Acquired : <u>7 Dec 2010</u> 17:19

Sample Name :

Submitted by : ASD
Vial Number : 35
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

C:\DATABASE\NIST98.L

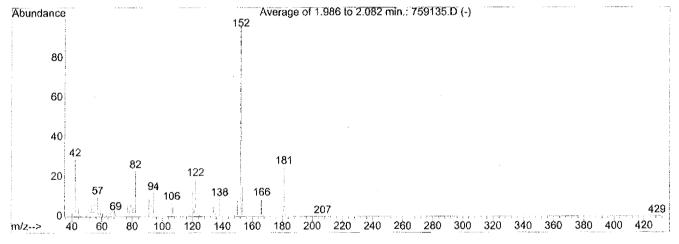
PK# RT Library/ID CAS# Qual

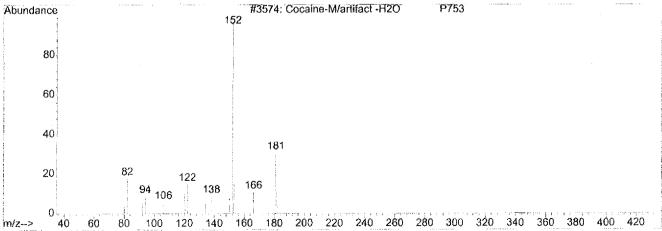
1 2.01 C:\DATABASE\PMW_TOX2.L

 Cocaine-M/artifact -H20
 000000-00-0
 98

 Metipranolol-M/artifact AC
 000000-00-0
 35

 MDA-M (desmethylenyl-methyl-) ME @ 000000-00-0
 25





759135.D

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Page 2

Minimum Quality: 90

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759135.D

Operator DCS

Date Acquired 7 Dec_2010 17:19

Sample Name

Submitted by ASD Vial Number 35 AcquisitionMeth: DRUGS Integrator RTE

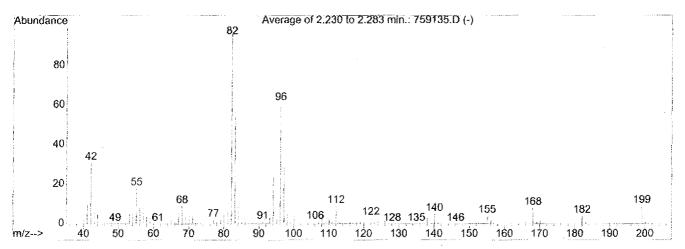
Search Libraries: C:\DATABASE\SLI.L

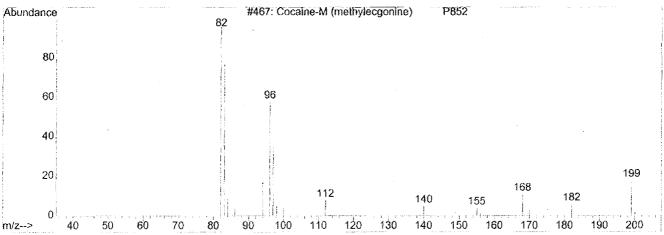
Minimum Quality: 90

C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
 2	2.25	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M (methylecgonine)	007143-09-1	96
		Cocaine	000050-36-2	38
		Lobeline artifact	000000-00-0	9





759135.D

Thu Oct 27 09:59:11 2011

File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759135.D$

Operator : DCS

Date Acquired : 7 Dec 2010 17:19

Sample Name :

Submitted by : ASD
Vial Number : 35
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

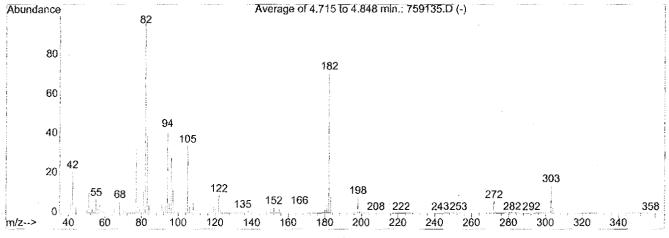
C:\DATABASE\PMW TOX2.L Minimum Quality: 90

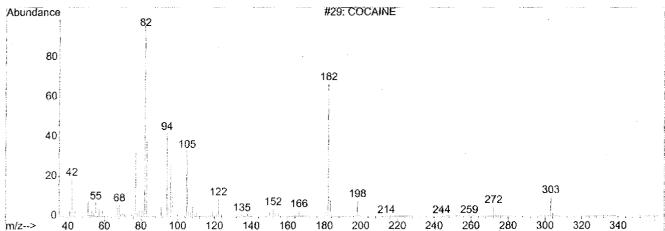
C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

3 4.75 C:\DATABASE\SLI.L

COCAÎNE 000050-36-2 99





759135.D

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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\12 07 10\759139.D

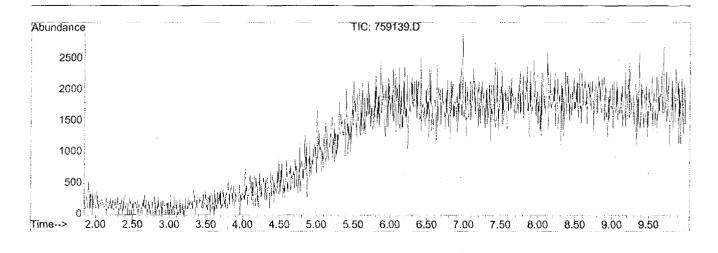
Operator : DCS

Date Acquired : 7 Dec 2010 18:14

Sample Name : BLANK

Submitted by

Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

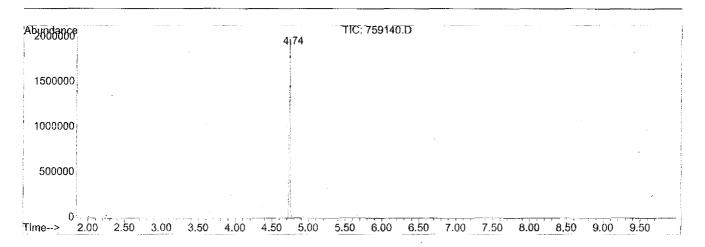
File Name : $F:\Q4-2010\SYSTEM4\12\ 07\ 10\759140.D$

Operator : DCS

Date Acquired : 7 Dec 2010 18:27 Sample Name : COCAINE STANDARD

Submitted by

Vial Number : 40 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.741	2030251	100.00	100.00

File Name : F:\Q4-2010\SYSTEM4\12_07_10\759140.D

Operator : DCS

Date Acquired : 7 Dec 2010 18:27 Sample Name : COCAINE STANDARD

Submitted by

Vial Number : 40 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

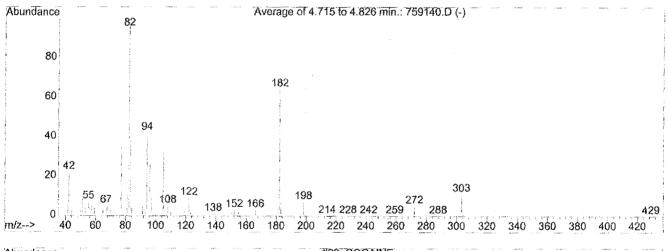
TABASE\SLI.L Minimum Quality: 90
TABASE\PMW TOX2.L Minimum Quality: 90

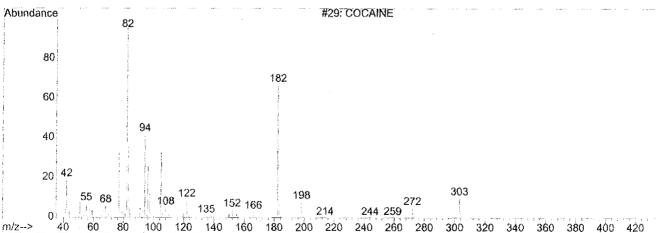
C:\DATABASE\PMW_TOX2.L
C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

1 4.74 C:\DATABASE\SLI.L COCAINE

000050-36-2 99





759140.D

Thu Oct 27 09:59:23 2011